

1636

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#21

RAW SEQUENCE LISTING

DATE: 01/14/2003

PATENT APPLICATION: US/09/723,326B

TIME: 09:46:01

Input Set : A:\10989004999.txt

Output Set: N:\CRF4\01142003\I723326B.raw

3 <110> APPLICANT: WEBSTER, Keith A.
 5 <120> TITLE OF INVENTION: A Molecular Switch for Regulating Mammalian Gene Expression
 7 <130> FILE REFERENCE: 10989-004-999
 9 <140> CURRENT APPLICATION NUMBER: US 09/723,326B
 10 <141> CURRENT FILING DATE: 2000-11-28
 12 <150> PRIOR APPLICATION NUMBER: US 60/171,597
 13 <151> PRIOR FILING DATE: 1999-12-23
 15 <160> NUMBER OF SEQ ID NOS: 17
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 21
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
 26 gene regulatory sequence
 28 <400> SEQUENCE: 1
 29 tgtcacgtcc tgcacgacgt a 21
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 22
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 34 <213> ORGANISM: Artificial
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
 38 gene regulatory sequence
 40 <400> SEQUENCE: 2
 41 cttcagcacc gcggacagtg cc 22
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 22
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Artificial
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
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 53 tgtccattcc tgcacgacgt ac 22
 55 <210> SEQ ID NO: 4
 56 <211> LENGTH: 22
 57 <212> TYPE: DNA
 58 <213> ORGANISM: Artificial
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
 62 gene regulatory sequence

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65 cttcagcacc gcttacagtg cc 22
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 43
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
74     gene regulatory sequence
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80 <211> LENGTH: 86
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
86     gene regulatory sequence
88 <400> SEQUENCE: 6
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90 gtgcctgtca cgtcctgcac gacgta 86
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93 <211> LENGTH: 123
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
99     gene regulatory sequence
101 <400> SEQUENCE: 7
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103 ctgtcacgtc ctgcacgact tcagcaccgc ggacagtgcc tgtcacgtcc tgcacgacgg 120
104 tac 123
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108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial
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113     gene regulatory sequence
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125     gene regulatory sequence
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128 cttcagcacc gcttacagtg cctgtcacgt cctgcacgac gtacttcagc accgcttaca      60
129 gtgcctgtca cgctctgcac gacgtacttc agcaccgctt acagtgcctg tcacgtcctg      120
130 cacgacgta                                                                    129
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133 <211> LENGTH: 132
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
139     gene regulatory sequence
141 <400> SEQUENCE: 10
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143 agtgctgtc cattcctgca cgacgtacct tcagcaccgc ggacagtgcc tgtccattcc      120
144 tgcacgacgt ac                                                                    132
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148 <212> TYPE: DNA
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151 <220> FEATURE:
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157 gggactttcc caggcttcag caccgcggac agttgagggg actttcccag gcgtac      116
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164 <220> FEATURE:
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178 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
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181 <400> SEQUENCE: 13
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183 caccgcggac agttgacacg atcacctccc attaaggaga gagatctcct tcagcaccgc      120
184 ggacagttga cacgatcacc tcccattaag gagagagatc tccttcagca ccgcggacag      180
185 ttgaggggac tttcccagg                                                                    199
187 <210> SEQ ID NO: 14
188 <211> LENGTH: 162
189 <212> TYPE: DNA

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190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
194     gene regulatory sequence
196 <400> SEQUENCE: 14
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198 caccgcggac agttgagctt cggggctttt gcactcgtcc cggctctact tcagcaccgc      120
199 ggacagttga gcttcggggc ttttgactc gtcccggctc ta                          162
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202 <211> LENGTH: 52
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204 <213> ORGANISM: Artificial
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Mammalian
208     gene regulatory sequence
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214 <211> LENGTH: 162
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218 <220> FEATURE:
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224 caccgcggac agttgacacg atcacctccc attaaggaga gagatctcct tcagcaccgc      120
225 ggacagttga cagcatcacc tcccattaag gagagagatc tc                          162
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228 <211> LENGTH: 38
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
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234     gene regulatory sequence
236 <400> SEQUENCE: 17
237 cttcagcacc gcggacagtg cctgtcacgt cctgcacg                                38

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RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

VERIFICATION SUMMARY

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